查询HIF2B-10D-2.54RA供应商

HIF2B SERIES DIP PLUG

Description

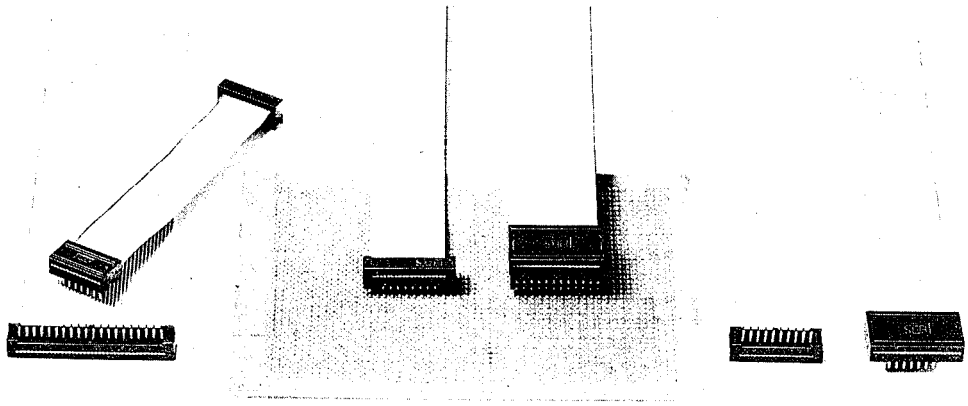
This series is concerned with a connector used for direct connection with PC board.

HIF2B series is a simplified product for firm connection between ribbon cable and PC board without the function of connecting and detaching.

There are multi-purpose (versatile) uses in combination with HIF1 or HIF3 series (connector) or in a single use, thus it is contributing highly to the simplification and economization of internal wiring and wire-connection.

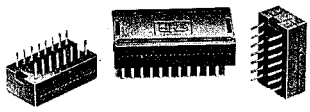
Two types each of HIF2B series are available.

One is IC type, which can be engaged with IC socket, whose No. of contacts are 14, 16, 24, and 40. The other is Dip type, which has 2.54 x 2.54 mm (.100" x .100") grid pattern, whose number of contacts are 10, 20, 26, 30, 34, 40, 50, and 60.

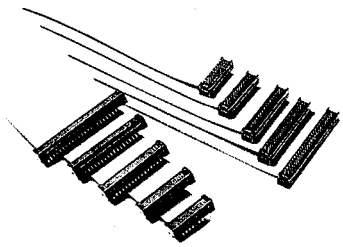


Features

1. IC type HIF2B series can be engaged with DL2 series low profile IC socket, which has been well reputed. the connecting method can be easily changed, and free designs can be greatly enhanced. Also, it is possible to attach directly to the PCB.
2. Simply designed DL2-lock A for 14 and 16, and DL2-lock 24 for 24 pin, provides for reliable coupling to HIF2 series IC type in combination with DL2 series IC socket.
3. Without using other connector, a cable end with HIF2B series can be directly, simply and surely connected to PCB, thus the use of HIF2B series in combination with HIF1 or HIF3 series can contribute to cost down by decreasing the number of parts.
4. Applicable cable: 1.27 mm (.0500") spacing AWG28 stranded ribbon cable.
5. Pin configuration
   Two types are available. One is alternately opposite to HIF3A series and exactly same as conventional HIF2 series, and the other is same as HIF3A series.



IC Type



Dip Type

Ordering Information

● IC Type

HIF 2B – 16 – 2.54 RSA

- Series name
- Series No.
- No. of pins: 14, 16, 24, 40
- Contact pitch: 2.54mm (.100 inch)

Terminal configuration
- RA: Gold plating IDC dip contact for HIF2B series with alternately OPPOSITE pin configuration to HIF3A and HIF3B series IDC
- RB: Gold plating IDC dip contact for HIF2B series with SAME pin configuration as HIF3A and HIF3B series IDC
- RSA: Tin plating IDC dip contact for HIF2B series with alternately OPPOSITE pin configuration to HIF3A and HIF3B series IDC
- RSB: Tin plating IDC dip contact for HIF2B series with SAME pin configuration as HIF3A and HIF3B series IDC

● Dip Type

HIF 2B – 10D – 2.54 RSA

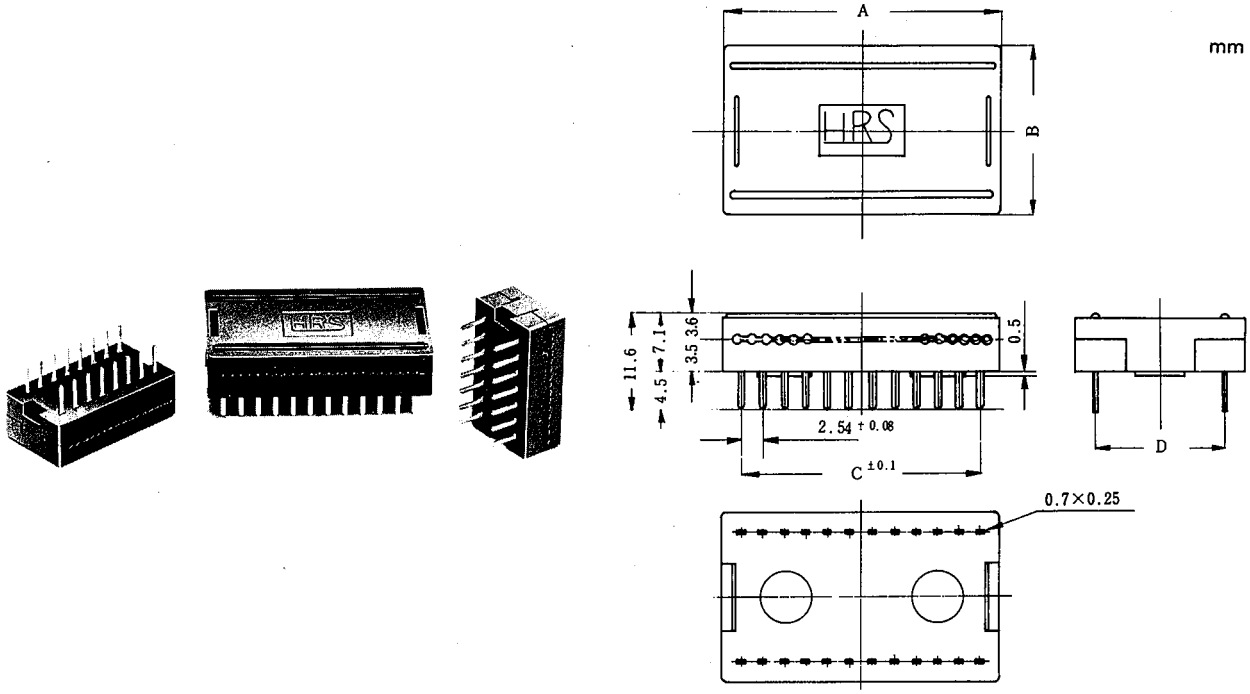
- Series name
- Series No.
- No. of pins: 10, 20, 26, 30, 34, 40, 50, 60,
- Contact configuration D: Double
- Contact pitch: 2.54mm (.100 inch)

Terminal configuration
- RA: Gold plating IDC dip contact for HIF2B series with alternately OPPOSITE pin configuration to HIF3A and HIF3B series IDC
- RB: Gold plating IDC dip contact for HIF2B series with SAME pin configuration as HIF3A and HIF3B series IDC
- RSA: Tin plating IDC dip contact for HIF2B series with alternately OPPOSITE pin configuration to HIF3A and HIF3B series IDC
- RSB: Tin plating IDC dip contact for HIF2B series with SAME pin configuration as HIF3A and HIF3B series IDC

HIF2B Series with Opposite Pin Configuration to HIF3A Series

1. IC Type

mm



Unit:mm

Part No.	No. of Pin	A	B	C	D
HIF2B-14-2.54RA	14	20.7	12.5	15.24	7.62
HIF2B-14-2.54RSA					
HIF2B-16-2.54RA	16	22.4	12.5	17.78	7.62
HIF2B-16-2.54RSA					
HIF2B-24-2.54RA	24	32.5	20.0	27.94	15.24
HIF2B-24-2.54RSA					
HIF2B-40-2.54RA	40	52.9	20.0	48.26	15.24
HIF2B-40-2.54RSA					

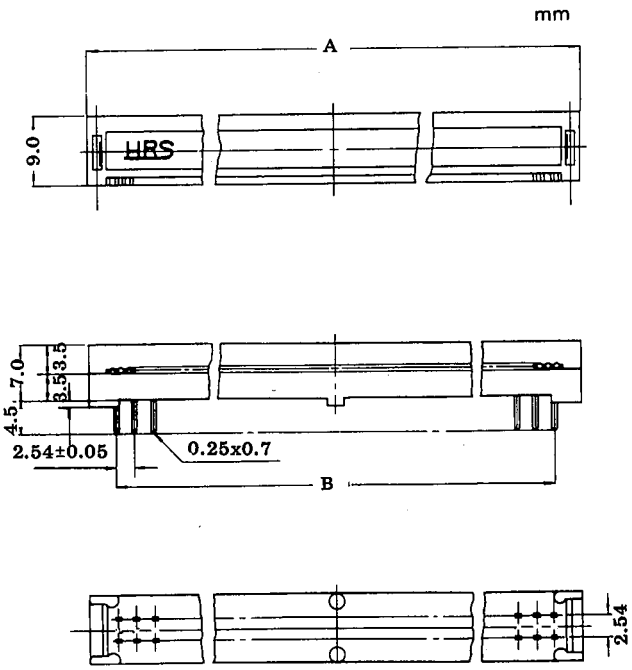
Unit:mm

Part No.	No. of Pin	A	B	C	D
HIF2B-14-2.54RB	14	20.7	12.5	15.24	7.62
HIF2B-14-2.54RSB					
HIF2B-16-2.54RB	16	22.4	12.5	17.78	7.62
HIF2B-16-2.54RSB					
HIF2B-24-2.54RB	24	32.5	20.0	27.94	15.24
HIF2B-24-2.54RSB					
HIF2B-40-2.54RSB	40	52.9	20.0	48.26	15.24
HIF2B-40-2.54RSB					

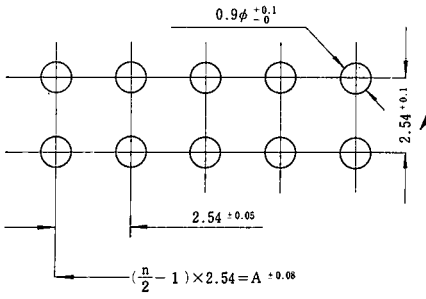
2. Dip Type

Part No.	No. of Pin	A	B
HIF2B-10D-2.54RA HIF2B-10D-2.54RSA	10	19.50	10.16
HIF2B-14D-2.54RA HIF2B-14D-2.54RSA	14	24.26	15.24
HIF2B-16D-2.54RA HIF2B-16D-2.54RSA	16	26.8	17.78
HIF2B-20D-2.54RA HIF2B-20D-2.54RSA	20	31.88	22.86
HIF2B-26D-2.54RA HIF2B-26D-2.54RSA	26	39.50	30.48
HIF2B-30D-2.54RA HIF2B-30D-2.54RSA	30	44.55	35.56
HIF2B-34D-2.54RA HIF2B-34D-2.54RSA	34	49.66	40.64
HIF2B-40D-2.54RA HIF2B-40D-2.54RSA	40	57.28	48.26
HIF2B-50D-2.54RA HIF2B-50D-2.54RSA	50	69.98	60.96
HIF2B-60D-2.54RA HIF2B-60D-2.54RSA	60	82.65	73.66

Part No.	No. of Pin	A	B
HIF2B-10D-2.54RB HIF2B-10D-2.54RSB	10	19.50	10.16
HIF2B-14D-2.54RB HIF2B-14D-2.54RSB	14	24.26	15.24
HIF2B-16D-2.54RB HIF2B-16D-2.54RSB	16	26.8	17.78
HIF2B-20D-2.54RB HIF2B-20D-2.54RSB	20	31.88	22.86
HIF2B-26D-2.54RB HIF2B-26D-2.54RSB	26	39.50	30.48
HIF2B-30D-2.54RB HIF2B-30D-2.54RSB	30	44.55	35.56
HIF2B-34D-2.54RB HIF2B-34D-2.54RSB	34	49.66	40.64
HIF2B-40D-2.54RB HIF2B-40D-2.54RSB	40	57.28	48.26
HIF2B-50D-2.54RB HIF2B-50D-2.54RSB	50	69.98	60.96
HIF2B-60D-2.54RB HIF2B-60D-2.54RSB	60	82.65	73.66



Recommended Mounting Hole Pattern



Note: On IC-type, note that the dimension of 2.54 ± 0.1 becomes 7.62 ± 0.1 or 15.24 ± 0.1.

A: Total pitch (spacing) of connector
n : Number of poles of connector
Finished through hole diameter of PC board: $0.9^{+0.1}_{-0}$

HIF2B Series with Same Pin Configuration as HIF3 Series

This series are completely same in electrical, mechanical and size as the other HIF2B series except pin configuration which provides for alternately opposite connecting circuit to the other HIF2B series and exactly same as HIF3 series.

1. IC Type

Part No.	No. of pin
HIF2B–14–2.54RB HIF2B–14–2.54RSB	14
HIF2B–16–2.54RB HIF2B–16–2.54RSB	16
HIF2B–24–2.54RB HIF2B–24–2.54RSB	24
HIF2B–40–2.54RB HIF2B–40–2.54RSB	40

2. Dip Type

Part No.	No. of pin
HIF2B–10D–2.54RB	10
HIF2B–10D–2.54RSB	
HIF2B–20D–2.54RB	20
HIF2B–20D–2.54RSB	
HIF2B–26D–2.54RB	26
HIF2B–26D–2.54RSB	
HIF2B–30D–2.54RB	30
HIF2B–30D–2.54RSB	
HIF2B–34D–2.54RB	34
HIF2B–34D–2.54RSB	
HIF2B–40D–2.54RB	40
HIF2B–40D–2.54RSB	
HIF2B–50D–2.54RB	50
HIF2B–50D–2.54RSB	
HIF2B–60D–2.54RB	60
HIF2B–60D–2.54RSB	

Material and Finish

Item	Material	Finish	Remarks
Molding	Glass-reinforced Polyester	Black	UL94-0
Contact	Beryllium copper	Nickel plating (tinning) + gold plating	

Electrical Performance

Item	Condition	Standard
Current capacity		1A
Rated voltage		AC 200V
Insulation resistance	At DC 500V	1000MΩ or higher
Withstand voltage	1 minute at specified value	AC 650Vrms
Contact resistance	Measured at DC 100mA	*15mΩ or less

* Including conductor resistance